

MORGAL-11-CIP

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Richard Morgal
App. No.: 10/821,593
Filed: April 9, 2004
For: METHOD AND APPARATUS FOR
SOLAR ENERGY COLLECTION
Group Art: 3749
Examiner: Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 11, 2005.

William C. Boling 1/11/2005
William C. Boling (date)

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment

Commissioner for Patents
P.O. Box 1450
Washington, DC 22313-1450

Dear Sir,

Pursuant to 37 C.F.R. §1.56, information relating to the subject application is hereby disclosed in accordance with 37 C.F.R. §§1.97-1.98. Inclusion of information in this statement is not an admission that such information is material as that term is defined in 37 C.F.R. §1.56(b). No additional fee is due because this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits of the subject application, in accordance with §1.97(b).

Copies are attached of each foreign patent, published application, and/or non-patent document that is listed in the attached Form 1449 (modified). Concise statements of relevance: "Das solar marine-Kraftwerk" by Laing, N., Eurosolar 2/1992, shows a single axis solar azimuth tracking system assembly having fresnel lenses to focus light onto a photovoltaic (PV) cell in a target area of a trough below the lenses. The PV cells within the assembly are cooled by thermal conduction to a pool of liquid upon which the assembly floats. German patent application DE 101 50 176 A1 to LAING, N., et al., published April 17, 2003 (subsequent to all priority documents of the subject application), is similar, except that thermal conduction from PV cells to a liquid pool is maintained during some rotation of the assembly, permitting two-axis (azimuth and elevation) solar tracking of the assembly.

Respectfully submitted,

1/11/2005
Date (January 11, 2005)

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FORM PTO-1449 (modified) U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

ATTY. DOCKET NO.
MORGAL-11-CIP

APPLICATION NO.
10/821,593

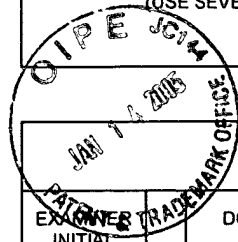
APPLICANT
Richard Morgal

Mailed: January 11, 2005

FILING DATE
April 09, 2004

GROUP
3749

(USE SEVERAL SHEETS IF NECESSARY)



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	4,771,764	9/20/1988	Cluff	126 440	
	2	5,772,791	6/30/1998	Laing	136 246	
	3	5,665,174	9/9/1997	Laing et al.	136 246	
	4	5,286,305	2/15/1994	Laing et al.	136 246	
	5	5,445,177	9/29/1995	Laing et al.	136 246	
	6	4,786,795	11/22/1988	Kurashima et al.	250 203.4	
	7	4,289,112	9/15/1981	Roseen	126 415	
	8	4,315,500	2/16/1982	Gonder	126 425	
	9	6,220,241	4/24/2001	Yeomans	126 565	
	10	4,114,596	9/19/1978	Chang et al.	126 270	
	11	4,361,717	11/30/1982	Gilmore et al.	136 246	
	12	4,360,004	11/23/1982	Testolini	126 415	
	13	4,235,221	11/25/1980	Murphy	126 415	
	14	4,148,301	4/10/1979	Cluff	126 271	
	15	6,020,553	2/1/2000	Yogev	136 246	
	16	6,051,776	4/18/2000	Kimata Ryuichi et al.	136 246	
	17	4,166,917	4/9/1979	Dorfeld et al.	136 259	
	18	6,225,551	5/01/2001	Lewandowski et al.	136 246	
	19	4,238,246	12/9/1980	Pierre Genequand, Virgil Stark	136 248	
	20	5,442,178	8/15/1995	Baldwin	250 353	
	21	4,848,319	7/18/1989	Appeldorn	126 440	
	22	6,075,200	6/13/2000	O'Neil	136 246	
	23	5,877,499	3/2/1999	Baldwin	250 353	
	24	4,717,821	1/5/1988	Messiou	250 221	
	25	6,031,179	2/29/2000	O'Neil	136 246	
	26	4,204,881	5/27/1980	McGrew	136 89	
	27	4,496,787	1/29/1985	Touchais et al.	136 248	

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. MORGAL-11-CIP	APPLICATION NO. 10/821,593
	APPLICANT Richard Morgal	
	Mailed: January 11, 2005	
FILING DATE April 09, 2004	GROUP 3749	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	28	4,069,812	1/24/1978	O'Neil	136	246	
	29	4,312,330	1/26/1982	Holdridge	126	440	

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	AU 723 841 B	9/7/2000	LAING			
	2	WO 2003/034506 A2	4/24/2003	LAING, et al.			
	3	DE 101 50 176 A1	10/12/2001	LAING, et al.			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	1	"Das solar marine-Kraftwerk" by Laing, N., <u>Eurosolar</u> (magazine) February 1992 pgs 18-19

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609, DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	